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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/929,775	08/15/2001	Frederick J. Kiko	00B-2022	9019
Davis Chin 16061 S. 94th Avenue Orland Hills, IL 60477-4623				
			EXAMINER CHIANG, JACK	
			ART UNIT 2642	PAPER NUMBER

DATE MAILED: 01/15/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/929775

Applicant(s)

KIKO ET AL.

Examiner

J. Chiang

Group Art Unit

2642

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—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Response

A SHORTENED STATUTORY PERIOD FOR RESPONSE IS SET TO EXPIRE -3- MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a response be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for response specified above is less than thirty (30) days, a response within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for response is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to respond within the set or extended period for response will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- ☒ Responsive to communication(s) filed on 8-15-01.
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- ☒ Claim(s) 1-19 is/are pending in the application.
- Of the above claim(s) _____ is/are withdrawn from consideration.
- ☐ Claim(s) _____ is/are allowed.
- ☒ Claim(s) 1-19 is/are rejected.
- ☐ Claim(s) _____ is/are objected to.
- ☐ Claim(s) _____ are subject to restriction or election requirement.

Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been received.
- ☐ received in Application No. (Series Code/Serial Number) _____.
- ☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____.

Attachment(s)

- ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____
- ☒ Notice of References Cited, PTO-892
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Interview Summary, PTO-413
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Other _____

Office Action Summary

NOTE: in the claim section, claim numeral 9 had been omitted by applicant. In other words, there are only 19 claims instead of 20. Therefore, claims have been renumbered by the Patent Office. Corresponding changes should be done in applicant's file.

CLAIMS

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Corning.

Regarding claim 1, Corning shows:

A base member (fig. 3);

A cover member (fig. 6);

A PCB assembly and an impedance blocking filter circuit (microfilter unit);

A first modular plug (see Line Cord and Plug in fig. 2);

A first filtered modular jack (center VOICE in fig. 6; note: this device filters the Voice/Data signal so that only the Voice signal is passed through to the telephone);

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A second filtered modular jack (right VOICE in fig. 6; note: this device filters the Voice/Data signal so that only the Voice signal is passed through to the telephone); and
A third unfiltered modular jack (DSL in fig. 6).

Regarding claim 10, Corning shows:

Housing means formed of co-mating base and cover members (figs. 3 and 6);

Component-mounting means for mounting an impedance blocking filter circuit (microfilter unit);

Plug means (see Line Cord and Plug in fig. 2);

Jack means for connection to a telephone set, an answering machine, and ADSL equipment (center VOICE in fig. 6; right VOICE in fig. 6; DSL in fig. 6).

Regarding claim 15, Corning shows:

Housing means formed of co-mating base and cover members (figs. 3 and 6);

Component-mounting means for mounting an impedance blocking filter circuit (microfilter unit);

Plug means (see Line Cord and Plug in fig. 2);

Jack means for connection to a telephone set, an answering machine, and ADSL equipment (center VOICE in fig. 6; right VOICE in fig. 6; DSL in fig. 6); and

Slidable mounting means for engaging and locking with mounting posts (Mounting Keyholes in fig. 3; Locking Tab in fig. 4, LOCK in fig. 6).

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Regarding claims 2-9, 11-14, 16, Corning shows:

The filter housing unit has a compact size (see Microfilter in fig. 1);

The modular plugs/jacks are RJ-type plug/jack (see figs. 1-6);

Wall mounting phone adapter/housing is usually formed of a plastic material;

The slidable mounting means for engaging and locking with mounting posts (Mounting Keyholes in fig. 3; Locking Tab in fig. 4, LOCK in fig. 6);

The upper and lower mounting latch (see Keyholes in fig. 3, and Lock in fig. 6);

The top, bottom and side walls, the cavity and its PCB assembly (see Microfilter housing in figs. 1-6);

The central stepped portion and the aperture (see Line Cord and Plug in fig. 2, and central aperture in fig. 3).

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 17-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Corning in view of Throop et al. (US 5243143).

Regarding claims 17-19, Corning has the filter which usually involves PCB mounting. Corning differs from the claimed invention in that it does not mention means for protecting some components during wave soldering process.

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However, Throop teaches providing means for protecting components or surfaces during wave soldering process.

Hence, it would have been obvious for one skilled in the art to adapt Throop's solder mask protecting means during wave soldering process for protecting surfaces or components which are to be solder free (col. 4, lines 58-60).

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jack Chiang whose telephone number is 703-305-4728. The examiner can normally be reached on Mon.-Fri. from 8:00 to 6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on 703-305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.


Jack Chiang
Primary Examiner
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